



CJIS Project Summary

The CJIS planning project will create four deliverables to be used to manage and implement a North Dakota CJIS environment. These deliverables are:

*Requirements Document
Technical Architecture
Data Standards Document
Implementation Plan*

Key Requirements:

*Provide One-Stop Information
Provide a Secured Justice Environment
Utilize Existing Information Systems
Minimize Cost Impacts
Deploy Common Local Applications
Share Information Between Systems
Add New Technology When Necessary*

North Dakota is currently working on a statewide project to integrate criminal justice information across state systems and business processes. The planning for this Criminal Justice Information Sharing (CJIS) environment is under way and is currently in the fourth of four planning phases involving three primary efforts: a requirement analysis, architecture development (both data and technology), and implementation planning. Although this effort is coordinated by the ITD, all state criminal justice organizations have been involved. The CJIS effort is focused on delivering the following vision discussed below.

Vision

The CJIS vision focuses on planning, acquiring, developing, and implementing a system that will meet the needs of the state. This vision is to: "improve public safety by providing effective and efficient justice policies, processes, and information systems required to capture and share complete, accurate, and timely information in support of program operations and informed decision making across jurisdictional and organizational boundaries statewide." Realizing this vision requires documentation of the CJIS requirements, a technology design, and an implementation plan. The three major phases of the project are summarized below.

Requirements

Most of the requirements for the CJIS environment were defined in the requirements phase of the project. The work completed in this phase detailed numerous requirements; however, several critical strategies emerged. The following strategies represent the important critical elements of the CJIS environment:

- Establish a common security infrastructure with common enterprisewide rules and guidelines for information access and sharing.
- Establish a single integrated justice data center environment that provides a single point for accessing information (One Stop).
- Establish an integrated intranet environment for the justice community.
- Define and secure funding to ensure support for technology investments.
- Implement a case processing and management system in the State's Attorneys' Offices.
- Implement a common law enforcement case management and field reporting system.
- Improve the ability of justice organization staffs to facilitate policy, strategic, and tactical decision support and analysis.

These critical requirements and the rest of the considerations identified in the Requirements Document established the framework for a technology architecture for CJIS.

State Contact:

Nancy J. Walz

nwalz@state.nd.us

State Project Manager:

Robert J. Pope

bjp@nexusinnovations.com

MTG Contact:

Robert E. Kaelin

rkaelin@mtgmc.com

Implementation Plan Phases:

Implementation Preparation

Proof of Concept

Backbone Development

CJIS Expansion

CJIS Enhancement

Key Roles:

CJIS Executive Sponsor

CJIS Board

CJIS Project Director

CJIS Executive Committee

*A prudent and well-managed
plan for technology project
investment can deliver
significant benefit to the
criminal justice community
and citizens of North Dakota.*

Architecture

CJIS will develop an integration backbone of technology components that provide enterprise-level facilities. The state, under the auspices of CJIS, will create a high-speed, high-availability CJIS data center environment for the integration backbone and justice application systems. The CJIS implementation will be done in the context of a standards-based environment, with the focus on selecting one primary architecture. The CJIS integration backbone and data center will be housed at and administered by ITD under the direction of the CJIS Board. Technical support for mission-critical justice systems will be available on a 24/7 basis, providing timely response and resolution to problems. In addition, data exchange between systems will be implemented on the integration backbone in a star topology, with a centralized exchange broker between functional application systems. Specific details are available in the Technology Architecture.

Plan

The planning phase is the third and final phase of the project. The implementation is still in the planning process; however, the five major implementation phases have been identified: Implementation Preparation, Proof of Concept, Backbone Development, CJIS Expansion, CJIS Enhancement. These phases are based on a number of planning decisions made by the Executive Committee and described below.

The implementation planning horizon will be approximately 5 years, beginning in 2002 and having a focus on the 2003–2005 and 2005–2007 budget periods of the plan. The fiscal impact on the state during the 2003–2005 budget period will be minimized because of current budget shortfall estimates. The plan is designed to ensure that value is provided to North Dakota while striving to maintain compatibility with state plans and direction. It will emphasize delivering near-term value to the justice community through its integration efforts. The plan's implementation projects will utilize pilot and limited implementations to prove technical concepts, operational viability, and support processes and structure. In addition, completing current projects is the immediate priority. The long-term focus of the CJIS project portfolio is to add new functionality for CJIS users.

Roles

Personnel within state organizations and CJIS partners will play active roles in the scope of the project. However, several key roles have been identified by the Executive Committee and CJIS Board. The executive leadership for CJIS will be provided the executive sponsor, the Governor, and a CJIS project director who will report to the CJIS Board (CIO, Deputy Attorney General, Chief Justice). The CJIS project director will prioritize and deliver CJIS services with the advice of the Executive Committee.



The planning project creates a road map that North Dakota will be able to utilize for all of the CJIS partner efforts over the next 5 years. In addition, the technical architecture and data standards will provide the technical guidance for organizations, while the implementation plan sets the focus and timing of project efforts to allow the state to maximize its resources. The CJIS integration backbone will focus North Dakota criminal justice resources, integrate existing systems, and deploy new technologies to enable better public safety across the state.